

Title (en)  
METHOD FOR PURIFYING ANTIBODY PROTEIN

Title (de)  
VERFAHREN ZUR AUFREINIGUNG VON ANTIKÖRPERPROTEIN

Title (fr)  
PROCÉDÉ DE PURIFICATION D'UNE PROTÉINE D'ANTICORPS

Publication  
**EP 2987801 A4 20160817 (EN)**

Application  
**EP 14785266 A 20140415**

Priority  
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• JP 2014060677 W 20140415

Abstract (en)  
[origin: EP2987801A1] A method for purifying a biologically active substance from a solution mixture containing impurities and the biologically active substance, in which an ion exchange chromatography carrier comprising a matrix and a copolymer containing at least N-isopropylacrylamide as a monomer unit and immobilized to a surface of the matrix is used, and the solution mixture is allowed to flow through a container storing the carrier at a uniform temperature, thereby recovering the biologically active substance.

IPC 8 full level  
**B01D 15/04** (2006.01); **B01D 15/08** (2006.01); **B01D 15/36** (2006.01); **B01J 20/24** (2006.01); **B01J 20/26** (2006.01); **B01J 20/281** (2006.01); **B01J 20/30** (2006.01); **B01J 20/34** (2006.01); **B01J 39/04** (2006.01); **B01J 39/16** (2006.01); **B01J 39/20** (2006.01); **B01J 39/26** (2006.01); **C07K 1/18** (2006.01); **C07K 1/22** (2006.01); **C08F 291/00** (2006.01); **G01N 30/26** (2006.01); **G01N 30/54** (2006.01); **G01N 30/88** (2006.01)

CPC (source: EP US)  
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• [XP] EP 2653218 A1 20131023 - ASAHI KASEI MEDICAL CO LTD [JP]  
• [X] WO 2010031144 A1 20100325 - COMMW SCIENT IND RES ORG [AU], et al  
• See references of WO 2014171437A1

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